

ELMIRA DISTRICT SECONDARY SCHOOL



Grade 9 Course Calendar

2019-2020

REQUIREMENTS FOR THE ONTARIO SECONDARY SCHOOL DIPLOMA

(OSSD)

In order to earn an OSSD a student must:

- ✓ earn 30 credits (18 compulsory and 12 optional credits)
- ✓ complete 40 hours of community involvement activities
- ✓ meet the provincial secondary school literacy diploma requirement through successful completion of either the Ontario Secondary School Literacy Test, Ontario Secondary School Literacy Course or Adjudication Process

Compulsory Credits:

Students must earn the following 18 compulsory credits in order to obtain OSSD:

- 4 credits in English(1 credit per grade)
- 1 credit in French as a second language
- 3 credits in mathematics (at least 1 credit in Grade 11 or 12)
- 2 credits in science
- 1 credit in Canadian history
- 1 credit in Canadian geography
- 1 credit in the arts
- 1 credit in health and physical education
- .5 credits in civics
- .5 credits in career studies

Plus one credit from each of the following groups:

- Group 1:** additional credit in English, or French as a second language, or a Native language or a classical or an international language or social sciences and the humanities or Canadian and world studies, guidance or career education or cooperative education *
- Group 2:** additional credit in health and physical education, or the arts, or business studies or French as a second language or cooperative education*
- Group 3:** additional credit in science (Grade 11 or 12) or technological education or French as a second language or computer studies or cooperative education*

*a maximum of two credits in cooperative education can be counted as compulsory credits.

Courses Offered at Elmira District SS

Student must choose 5 compulsory and 3 optional credits.

| COMPULSORY CORE CREDITS | | | |
|--|----------|---------|---|
| All students must select 5 compulsory subjects | | | |
| SUBJECT | ACADEMIC | APPLIED | ESSENTIAL (By Permission of Special Ed.) |
| ENGLISH | ENG1D1 | ENG1PI | ENG1LB* |
| FRENCH | FSF1DI | FSF1P1 | |
| GEOGRAPHY | CGC1DI | CGC1P1 | |
| MATHEMATICS | MPM1DI | MFM1P1 | MAT1LB* |
| SCIENCE | SNC1DI | SNC1PI | |

| OPTIONAL CREDITS | |
|---|--|
| All students must select 3 elective courses | |
| ADA1OI | DRAMA |
| AMI1OI | MUSIC–Band |
| AMS1OI | MUSIC–Strings with experience |
| AMS1OX | MUSIC–Strings without experience |
| AVI1OI | VISUAL ARTS |
| BTT1OI | INTRODUCTION TO INFORMATION TECHNOLOGY IN BUSINESS |
| GLE1OI | LEARNING STRATEGIES 1: Skills for Success in Secondary School Permission of Special Education Department Required |
| HFN1OI | FOOD AND NUTRITION |
| PPL1OX | HEALTHY AND ACTIVE LIVING–GIRLS–highly recommended |
| PPL1OY | HEALTHY AND ACTIVE LIVING–BOYS–highly recommended |
| TIJ1OI | INTEGRATED TECHNOLOGIES -Skilled Trades; Electrical, Green Industries, Manufacturing, Plumbing-Heating-Ventilation, Transportation, Woodworking. |
| OR | |
| TIJ1OX | INTEGRATED TECHNOLOGIES -Emerging Technologies; Communications, Computer Engineering, Programming, Technological Design. |

COMPULSORY CREDITS

ENG1LB - Essential English, Grade 9, Locally Developed This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the English Grade 11 Workplace Preparation course. The course is organized by strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and in using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

ENG1PI - English, Grade 9, Applied This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college, or workplace preparation courses in Grades 11 and 12.

ENG1DI - English, Grade 9, Academic This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

FSF1PI - Core French, Grade 9, Applied This course provides opportunities for students to communicate and interact in French in structured situations on everyday topics and to apply their knowledge of French in everyday situations. Students will continue to develop language knowledge and skills introduced in the elementary Core French program, through practical applications and concrete examples, and will use creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners.

FSF1DI - Core French, Grade 9, Academic This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will continue to develop language knowledge and skills by using language-learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners.

CGC1PI - Canadian Geography, Grade 9, Applied This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore issues relating to food and water supplies, competing land uses, interactions with the natural environment, and other topics relevant to sustainable living in Canada. They will also develop an awareness that issues that affect their lives in Canada are interconnected with issues in other parts of the world. Throughout the course, students will use the concepts of geographic thinking, the geographic inquiry process, and spatial technologies to guide and support their investigations.

CGC1DI - Canadian Geography, Grade 9, Academic This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place in which to live.

MAT1LB - Essential Mathematics, Grade 9, Locally Developed This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, in the Grade 10 LDCC course, and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

MFM1PI - Foundations of Mathematics, Grade 9, Applied This course enables students to develop understanding of mathematical concepts related to introductory algebra, proportional reasoning, measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relationships, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

MPM1DI - Principles of Mathematics, Grade 9, Academic This course enables students to develop understanding of mathematical concepts related to algebra, analytic geometry, measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a relationship. They also explore relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multistep problems.

COMPULSORY CREDITS (continued)

SNC1PI - Science, Grade 9, Applied This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.

SNC1DI - Science, grade 9, Academic This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

OPTIONAL CREDITS

ADA1OI - Drama, grade 9, Open This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

AMS1OI - Strings, grade 9, Strings Experience Required

AMS1OX - Strings, grade 9, No Experience Required

This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life.

BTT1OI - Information and Communication Technology in business, Grade 9, Open This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology.

GLE1OI - Learning Strategies 1: Skills for Success in Secondary School, Grade 9, Open This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond. **Prerequisite: Recommendation of Special Education.**

HFN1OI - food and Nutrition, Grade 9, Open This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. The course provides students with opportunities to develop food preparation skills and introduces them to the use of social science research methods in the area of food and nutrition.

PPL1OX (girls) and PPLY1OY(boys) - Health Active Living Education, Grade 9, Open This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs and will participate in activities designed to develop goal-setting, communication, and social skills. **Highly Recommended.**

TIJ 1OI - Skilled Trades Technologies, Grade 9, Open This course enables students to explore and develop technical knowledge applicable to Skilled Trades. Students will have rotations in Electrical, Green Industries, Manufacturing, Transportation and Woodworking. Students will use a hands-on approach to design, create, fabricate and assemble practical projects using a variety of tools, equipment and software technologies. Students will develop an awareness of environmental and societal issues, **and will begin to explore secondary and post-secondary education and training pathways leading to careers in Skilled Trades.**

TIJ 1OX - Emerging Technologies, Grade 9, Open This course enables students to explore and develop technical knowledge applicable to Emerging Technologies. Students will have rotations in Communications, Computer Engineering, Programming and Technological Design. Students will use a hands-on approach to design, create, fabricate and assemble practical projects using a variety of tools, equipment and software technologies. Students will develop an awareness of environmental and societal issues, **and will begin to explore secondary and post-secondary education and training pathways leading to careers in Emerging technologies.**

***Please note: Students may take only ONE of the TIJ courses.**